



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION OF VISHWANATH R. IYER, Ph.D.  
UNDER 37 C.F.R. § 1.132

I, VISHWANATH R. IYER, Ph.D., declare and state as follows:

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Considered  
7/9/04

1. I am an Assistant Professor in the Section of Molecular Genetics and Microbiology, Institute of Cellular and Molecular Biology, University of Texas at Austin, where my laboratory currently studies global transcriptional control in yeast, gene expression programs during human cell proliferation, and genome-wide transcription factor targets in yeast and human. Immediately prior to this position, I spent four years as a postdoctoral fellow in the laboratory of Patrick O. Brown at Stanford University studying the transcriptional programs of yeast and of human cells. My curriculum vitae is attached hereto as Exhibit A.

2. Beginning in Dr. Brown's laboratory, where I helped to develop the first whole genome arrays for yeast and early versions of highly representative cDNA arrays for human cells, and continuing to the present day, I have used microarray-based gene expression analysis as a principal approach in much of my research.

3. Representative publications describing this work include:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION OF TOD BEDILION, Ph.D.  
UNDER 37 C.F.R. § 1.132

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Considered  
7-19-04*

I, TOD BEDILION, Ph.D., declare and state as follows:

1. In April, 1996, I became the first employee of Synteni, Inc., where I served as Research Director until its acquisition by Incyte Corporation in early 1998. After Synteni's acquisition, I continued in the position of Director of Corporate Development at Incyte until May 11, 2001. I am currently the Director of Business Development at Genomic Health, Inc., Redwood City, California and an occasional Consultant to Incyte.

2. Synteni was founded to commercialize expression microarrays, microarrays in which expressed nucleic acids -- full-length cDNAs, fragments of full-length cDNAs, expressed sequence tags (ESTs) -- are arrayed on a common support to permit highly parallel detection and measurement of the expression of their cognate genes in a biological sample.

3. During my employ at Synteni, virtually all (if not all) of my work efforts were directed to the further technical development and the commercial exploitation of that microarray technology; given the small size of our shop, most of us had both technical and commercial responsibilities. The customer accounts for which I was personally responsible included large pharmaceutical companies, such as SmithKline



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION OF JOHN C. ROCKETT, Ph.D.  
UNDER 37 C.F.R. § 1.132

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considered  
4-19-04

I, JOHN COUGHLIN ROCKETT III, Ph.D., declare and  
state as follows:

1. Since 1995 I have been engaged full-time in molecular toxicology research, with an emphasis on the application of expression profiling techniques, including but not limited to nucleic acid microarray expression profiling techniques, to studies of the mechanisms of toxicant action and to the design of assays to monitor toxicant exposure.

2. My *curriculum vitae*, including my list of publications, is attached hereto as Exhibit A.

3. For the past 5 years, my work has focused primarily on analyzing the effects of potentially hazardous environmental agents, such as heat, water disinfectant byproducts, and conazole fungicides on the male reproductive tract. Although we are interested in the basic mechanisms of action of such toxicants, we also have two practical goals in mind: first, to identify individual agents and families of agents that adversely affect male reproductive development and function, and second, to develop methods for monitoring human exposure to such agents, particularly methods capable of identifying toxicant exposure at an early stage.

4. I have relied on expression profiling as a principal approach to these goals. Expression profiling, by